

Table B-2
Analytical Results of SVOCs in Soil, Concrete, and Sediment Samples

Analyte	EPA Region 9 Industrial Soil PRGs ^a	Landfill Drum Concrete		Concrete Sump Sediment		Background Soil
		DC-001 9/14/01	DC-301 9/14/01 Duplicate	SD-001 9/14/01	SD-301 9/14/01 Duplicate	SS-001-01 9/5/01
SVOCs (mg/kg)						
1,2,4-Trichlorobenzene	3,000,000	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
1,2-Dichlorobenzene	370,000	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
1,3-Dichlorobenzene	52,000	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
1,4-Dichlorobenzene	8,100	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
2,4,5-Trichlorophenol	88,000,000 nc	12.4 UR	13.3 UR	25.7 U	20.8 U	11.1 U
2,4,6-Trichlorophenol	220,000 ca	12.4 UR	13.3 UR	25.7 U	20.8 U	11.1 U
2,4-Dichlorophenol	2,600,000 nc	12.4 UR	13.3 UR	25.7 U	20.8 U	11.1 U
2,4-Dimethylphenol	18,000,000 nc	1.73 J	13.3 U	25.7 U	20.8 U	11.1 U
2,4-Dinitrophenol	1,800,000 nc	12.4 UR	13.3 UR	25.7 U	20.8 U	11.1 U
2,4-Dinitrotoluene	1,800,000 nc	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
2,6-Dinitrotoluene	880,000 nc	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
2-Chloronaphthalene	27,000,000 nc	1.24 U	1.33 U	4.89 U	2.08 U	1.11 U
2-Chlorophenol	240,000 nc	12.4 UR	13.3 UR	25.7 U	20.8 U	11.1 U
2-Methylnaphthalene	NE	1.24 U	1.33 U	12.9	7.7	1.11 U
2-Methylphenol	44,000,000 nc	12.4 UR	13.3 UR	25.7 U	20.8 U	11.1 U
2-Nitroaniline	50,000 nc	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
2-Nitrophenol	NE	12.4 UR	13.3 UR	25.7 U	20.8 U	11.1 U
3,3'-Dichlorobenzidine	5,500 ca	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
3- & 4-Methylphenol	4,400,000 nc	12.4 UR	13.3 UR	25.7 U	20.8 U	11.1 U
3-Nitroaniline	NE	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
4,6-Dinitro-2-Methylphenol	NE	30.9 UR	33.4 UR	64.4 U	52 U	27.7 U
4-Bromophenylphenylether	NE	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
4-Chloro-3-Methylphenol	NE	12.4 UR	13.3 UR	25.7 U	20.8 U	11.1 U
4-Chloroaniline	3,500,000 nc	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
4-Chlorophenylphenylether	NE	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
4-Nitroaniline	NE	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
4-Nitrophenol	7,000,000 nc	12.4 UR	13.3 UR	66.2	20.8 U	11.1 U
Acenaphthene	38,000,000 nc	1.24 U	1.33 U	2.57 U	2.08 U	1.11 U
Acenaphthylene	NE	1.24 U	1.33 U	53.3	56.2	1.11 U
Acetophenone	1,600 nc	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
Anthracene	100,000,000 max	1.24 U	1.33 U	69.8 U	62.4	1.11 U
Atrazine	11,000 ca	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
Benzaldehyde	88,000,000 nc	12.4 U	13.3 U	25.7 UR	20.8 UR	11.1 U
Benzo(a)anthracene	2,900 ca	4.08	2.54 J	171	169	2.22 U
Benzo(a)pyrene	290 ca	2.72	1.87	276	203	1.11 U
Benzo(b)fluoranthene	2,900 ca	3.71	2.54	169	2.08 U	1.11 U
Benzo(g,h,i)perylene	NE	1.24 U	1.33 U	161	74.9	1.11 U
Benzo(k)fluoranthene	29,000 ca	1.24 U	1.33 U	60.2	2.08 U	1.11 U
Benzoic Acid	100,000,000 max	30.9 U	33.4 U	64.4 U	52 U	27.7 U
Benzyl Alcohol	100,000,000 max	12.4 UR	13.3 UR	25.7 U	20.8 U	11.1 U
Biphenyl	350,000 sat	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
bis(2-Chloroethoxy)methane	NE	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
bis(2-Chloroethyl)ether	620 ca	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
bis(2-Chloroisopropyl)ether	8,100	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
bis(2-Ethylhexyl)phthalate	180,000 ca	39.2 U	33.4 U	395 U	310 U	27.7 U
Butylbenzylphthalate	100,000,000 max	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
Caprolactam	100,000,000 max	12.4 UR	13.3 UR	25.7 UR	20.8 UR	11.1 UR
Chrysene	290,000 ca	4.2	3.2	145	196	2.22 U
Di-n-butylphthalate	88,000,000 nc	61.8 U	66.7 U	129 U	104 U	55.4 U
Di-n-octylphthalate	10,000,000 sat	12.4 U	13.3 U	25.7 U	20.8 U	11.6 U
Dibenzo(a,h)anthracene	290 ca	1.24 U	1.33 U	2.57 U	2.08 U	1.11 U
Dibenzofuran	5,100,000 nc	12.4 U	2.27 J	6.95 J	20.8 U	11.1 U
Diethylphthalate	100,000,000 max	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
Dimethylphthalate	100,000,000 max	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
Fluoranthene	30,000,000 nc	9.88	5.61	186	135	1.11 U
Fluorene	33,000,000 nc	1.24 U	19.6	14.4 U	2.08 U	1.11 U
Hexachlorobenzene	1,500 ca	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
Hexachlorobutadiene	32,000 ca	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
Hexachlorocyclopentadiene	5,900,000 nc	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
Hexachloroethane	180,000 ca	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
Indeno(1,2,3-cd)pyrene	2,900 ca	1.24 U	1.33 U	2.57 U	2.08 U	1.11 U
Isophorone	2,600,000 ca	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
N-Nitrosodiphenylamine	500,000 ca	12.4 U	8.94 J	25.7 U	20.8 U	11.1 U
N-nitroso-di-n-propylamine	350 ca	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
Naphthalene	190,000 nc	1.24 U	1.33 U	60.8 U	56 U	1.11 U
Nitrobenzene	110,000 nc	12.4 U	13.3 U	25.7 U	20.8 U	11.1 U
Pentachlorophenol	11,000 ca	12.4 UR	13.3 UR	25.7 U	20.8 U	11.1 U
Phenanthrene	NE	3.46 U	27.8	72.3	37	1.11 U
Phenol	100,000,000 max	12.4 UR	13.3 UR	25.7 U	20.8 U	11.1 U
Pyrene	54,000,000 nc	6.42	4.94	241	195	1.11 U

Table B-2
Analytical Results of SVOCs in Soil, Concrete, and Sediment Samples

Analyte	EPA Region 9 Industrial Soil PRGs ^a	Background Soil				Drainage Ditch Soil
		SS-001-12 9/11/01	SS-002-01 9/7/01	SS-032-01 9/7/01	SS-032-14 9/7/01	SS-003-01 9/6/01
SVOCs (mg/kg)						
1,2,4-Trichlorobenzene	3,000,000	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
1,2-Dichlorobenzene	370,000	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
1,3-Dichlorobenzene	52,000	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
1,4-Dichlorobenzene	8,100	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
2,4,5-Trichlorophenol	88,000,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
2,4,6-Trichlorophenol	220,000 ca	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
2,4-Dichlorophenol	2,600,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
2,4-Dimethylphenol	18,000,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
2,4-Dinitrophenol	1,800,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
2,4-Dinitrotoluene	1,800,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
2,6-Dinitrotoluene	880,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
2-Chloronaphthalene	27,000,000 nc	1.43 U	1.19 U	1.27 U	1.45 U	1.33 U
2-Chlorophenol	240,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
2-Methylnaphthalene	NE	1.43 U	1.19 U	1.27 U	1.45 U	1.46
2-Methylphenol	44,000,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
2-Nitroaniline	50,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
2-Nitrophenol	NE	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
3,3'-Dichlorobenzidine	5,500 ca	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
3- & 4-Methylphenol	4,400,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
3-Nitroaniline	NE	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
4,6-Dinitro-2-Methylphenol	NE	35.9 U	29.8 U	31.8 U	36.4 U	33.2 U
4-Bromophenylphenylether	NE	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
4-Chloro-3-Methylphenol	NE	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
4-Chloroaniline	3,500,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
4-Chlorophenylphenylether	NE	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
4-Nitroaniline	NE	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
4-Nitrophenol	7,000,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Acenaphthene	38,000,000 nc	1.43 U	1.19 U	1.27 U	1.45 U	1.73 U
Acenaphthylene	NE	1.43 U	1.19 U	1.27 U	1.45 U	7.97
Acetophenone	1,600 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Anthracene	100,000,000 max	1.43 U	1.19 U	1.27 U	1.45 U	5.98
Atrazine	11,000 ca	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Benzaldehyde	88,000,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Benzo(a)anthracene	2,900 ca	2.87 U	2.39 U	2.55 U	2.91 U	30.8
Benzo(a)pyrene	290 ca	1.43 U	1.19 U	1.78	1.45 U	48.2
Benzo(b)fluoranthene	2,900 ca	1.43 U	1.19 U	2.29	1.45 U	69
Benzo(g,h,i)perylene	NE	1.43 U	1.19 U	1.91	1.45 U	40.7
Benzo(k)fluoranthene	29,000 ca	1.43 U	1.19 U	1.27 U	1.45 U	28.7
Benzoic Acid	100,000,000 max	35.9 U	29.8 U	31.8 U	36.4 U	33.2 U
Benzyl Alcohol	100,000,000 max	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Biphenyl	350,000 sat	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
bis(2-Chloroethoxy)methane	NE	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
bis(2-Chloroethyl)ether	620 ca	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
bis(2-Chloroisopropyl)ether	8,100	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
bis(2-Ethylhexyl)phthalate	180,000 ca	35.9 UJ	29.8 U	31.8 U	36.4 U	33.2 U
Butylbenzylphthalate	100,000,000 max	14.3 U	5.13 J	3.57 J	14.5 U	2.53 UJ
Caprolactam	100,000,000 max	143 UR	119 UR	127 UR	145 UR	133 U
Chrysene	290,000 ca	2.87 U	2.39 U	2.55 U	2.91 U	36.4
Di-n-butylphthalate	88,000,000 nc	71.7 UJ	59.7 U	63.7 U	72.7 U	66.4 U
Di-n-octylphthalate	10,000,000 sat	14.3 U	11.6 U	12.7 U	14.5 U	13.3 U
Dibenzo(a,h)anthracene	290 ca	1.43 U	1.19 U	1.27 U	1.45 U	1.33 U
Dibenzofuran	5,100,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Diethylphthalate	100,000,000 max	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Dimethylphthalate	100,000,000 max	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Fluoranthene	30,000,000 nc	1.43 U	1.19 U	3.44	1.45 U	53.2
Fluorene	33,000,000 nc	1.43 U	1.19 U	1.27 U	1.45 U	1.33
Hexachlorobenzene	1,500 ca	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Hexachlorobutadiene	32,000 ca	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Hexachlorocyclopentadiene	5,900,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Hexachloroethane	180,000 ca	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Indeno(1,2,3-cd)pyrene	2,900 ca	1.43 U	1.19 U	1.27 U	1.45 U	27.8
Isophorone	2,600,000 ca	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
N-Nitrosodiphenylamine	500,000 ca	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
N-nitroso-di-n-propylamine	350 ca	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Naphthalene	190,000 nc	1.43 U	1.19 U	1.27 U	1.45 U	1.73 U
Nitrobenzene	110,000 nc	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Pentachlorophenol	11,000 ca	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Phenanthrene	NE	1.43 U	1.19 U	1.27 U	1.45 U	13.3
Phenol	100,000,000 max	14.3 U	11.9 U	12.7 U	14.5 U	13.3 U
Pyrene	54,000,000 nc	1.43 U	3.7	4.71	1.45 U	42.5

Table B-2
Analytical Results of SVOCs in Soil, Concrete, and Sediment Samples

Analyte	EPA Region 9 Industrial Soil PRGs ^a	Drainage Ditch Soil				
		SS-003-05 9/6/01	SS-004-03 9/6/01	SS-004-09 9/6/01	SS-005-01 9/12/01	SS-006-01 9/6/01
SVOCs (mg/kg)						
1,2,4-Trichlorobenzene	3,000,000	11.7 U	14 U	14.8 U	14.2 U	14.4 U
1,2-Dichlorobenzene	370,000	11.7 U	14 U	14.8 U	14.2 U	14.4 U
1,3-Dichlorobenzene	52,000	11.7 U	14 U	14.8 U	14.2 U	14.4 U
1,4-Dichlorobenzene	8,100	11.7 U	14 U	14.8 U	14.2 U	14.4 U
2,4,5-Trichlorophenol	88,000,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
2,4,6-Trichlorophenol	220,000 ca	11.7 U	14 U	14.8 U	14.2 U	14.4 U
2,4-Dichlorophenol	2,600,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
2,4-Dimethylphenol	18,000,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
2,4-Dinitrophenol	1,800,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
2,4-Dinitrotoluene	1,800,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
2,6-Dinitrotoluene	880,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
2-Chloronaphthalene	27,000,000 nc	1.17 U	1.4 U	1.48 U	1.42 U	1.44 U
2-Chlorophenol	240,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
2-Methylnaphthalene	NE	1.17 U	1.4 U	1.48 U	1.42 U	1.44 U
2-Methylphenol	44,000,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
2-Nitroaniline	50,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
2-Nitrophenol	NE	11.7 U	14 U	14.8 U	14.2 U	14.4 U
3,3'-Dichlorobenzidine	5,500 ca	11.7 U	14 U	14.8 U	14.2 U	14.4 U
3- & 4-Methylphenol	4,400,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
3-Nitroaniline	NE	11.7 U	14 U	14.8 U	14.2 U	14.4 U
4,6-Dinitro-2-Methylphenol	NE	29.2 U	34.9 U	36.9 U	35.6 U	36 U
4-Bromophenylphenylether	NE	11.7 U	14 U	14.8 U	14.2 U	14.4 U
4-Chloro-3-Methylphenol	NE	11.7 U	14 U	14.8 U	14.2 U	14.4 U
4-Chloroaniline	3,500,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
4-Chlorophenylphenylether	NE	11.7 U	14 U	14.8 U	14.2 U	14.4 U
4-Nitroaniline	NE	11.7 U	14 U	14.8 U	14.2 U	14.4 U
4-Nitrophenol	7,000,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Acenaphthene	38,000,000 nc	1.17 U	1.4 U	1.48 U	1.57	1.44 U
Acenaphthylene	NE	1.17 U	1.4 U	1.48 U	1.42 U	1.44 U
Acetophenone	1,600 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Anthracene	100,000,000 max	1.17 U	1.4 U	1.48 U	1.85	1.44 U
Atrazine	11,000 ca	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Benzaldehyde	88,000,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Benzo(a)anthracene	2,900 ca	2.33 U	2.79 U	2.96 U	15.9	2.88 U
Benzo(a)pyrene	290 ca	1.17 U	1.4 U	1.48 U	26.5	3.45
Benzo(b)fluoranthene	2,900 ca	1.17 U	1.4 U	1.77	38.7	4.89
Benzo(g,h,i)perylene	NE	1.17 U	1.4 U	1.48 U	22.5	3.16
Benzo(k)fluoranthene	29,000 ca	1.17 U	1.4 U	1.48 U	11.8	2.16
Benzoic Acid	100,000,000 max	29.2 U	34.9 U	36.9 U	35.6 U	36 U
Benzyl Alcohol	100,000,000 max	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Biphenyl	350,000 sat	11.7 U	14 U	14.8 U	14.2 U	14.4 U
bis(2-Chloroethoxy)methane	NE	11.7 U	14 U	14.8 U	14.2 U	14.4 U
bis(2-Chloroethyl)ether	620 ca	11.7 U	14 U	14.8 U	14.2 U	14.4 U
bis(2-Chloroisopropyl)ether	8,100	11.7 U	14 U	14.8 U	14.2 U	14.4 U
bis(2-Ethylhexyl)phthalate	180,000 ca	29.2 U	34.9 U	36.9 U	35.6 UJ	36 U
Butylbenzylphthalate	100,000,000 max	11.7 U	3.07 J	14.8 U	14.2 U	4.03 J
Caprolactam	100,000,000 max	11.7 UR	140 UR	148 UR	142 UR	144 UR
Chrysene	290,000 ca	2.33 U	2.79 U	2.96 U	22.6	2.88 U
Di-n-butylphthalate	88,000,000 nc	58.3 U	69.8 U	73.9 U	71.2 U	71.9 U
Di-n-octylphthalate	10,000,000 sat	11.7 U	14 U	14.8 U	14.2 U	11.6 U
Dibenzo(a,h)anthracene	290 ca	1.17 U	1.4 U	1.48 U	1.42 U	1.44 U
Dibenzofuran	5,100,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Diethylphthalate	100,000,000 max	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Dimethylphthalate	100,000,000 max	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Fluoranthene	30,000,000 nc	1.17 U	1.4 U	1.48 U	24.5	3.31
Fluorene	33,000,000 nc	1.17 U	1.4 U	1.48 U	1.42 U	1.44 U
Hexachlorobenzene	1,500 ca	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Hexachlorobutadiene	32,000 ca	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Hexachlorocyclopentadiene	5,900,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Hexachloroethane	180,000 ca	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Indeno(1,2,3-cd)pyrene	2,900 ca	1.17 U	1.4 U	1.48 U	15.7	2.3
Isophorone	2,600,000 ca	11.7 U	14 U	14.8 U	14.2 U	14.4 U
N-Nitrosodiphenylamine	500,000 ca	11.7 U	14 U	14.8 U	14.2 U	14.4 U
N-nitroso-di-n-propylamine	350 ca	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Naphthalene	190,000 nc	1.17 U	1.4 U	1.48 U	1.42 U	1.44 U
Nitrobenzene	110,000 nc	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Pentachlorophenol	11,000 ca	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Phenanthrene	NE	1.17 U	1.4 U	1.48 U	9.53	1.44 U
Phenol	100,000,000 max	11.7 U	14 U	14.8 U	14.2 U	14.4 U
Pyrene	54,000,000 nc	1.17 U	1.4 U	1.48 U	27.9	3.16

Table B-2
Analytical Results of SVOCs in Soil, Concrete, and Sediment Samples

Analyte	EPA Region 9 Industrial Soil PRGs ^a	Drainage Ditch Soil				
		SS-006-05 9/6/01	SS-007-01 9/6/01	SS-007-05 9/6/01	SS-008-01 9/6/01	SS-008-05 9/6/01
SVOCs (mg/kg)						
1,2,4-Trichlorobenzene	3,000,000	12.1 U	11.1 U	12 U	12.7 U	13.4 U
1,2-Dichlorobenzene	370,000	12.1 U	11.1 U	12 U	12.7 U	13.4 U
1,3-Dichlorobenzene	52,000	12.1 U	11.1 U	12 U	12.7 U	13.4 U
1,4-Dichlorobenzene	8,100	12.1 U	11.1 U	12 U	12.7 U	13.4 U
2,4,5-Trichlorophenol	88,000,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
2,4,6-Trichlorophenol	220,000 ca	12.1 U	11.1 U	12 U	12.7 U	13.4 U
2,4-Dichlorophenol	2,600,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
2,4-Dimethylphenol	18,000,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
2,4-Dinitrophenol	1,800,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
2,4-Dinitrotoluene	1,800,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
2,6-Dinitrotoluene	880,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
2-Chloronaphthalene	27,000,000 nc	1.21 U	1.1 U	1.2 U	1.27 U	1.34 U
2-Chlorophenol	240,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
2-Methylnaphthalene	NE	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
2-Methylphenol	44,000,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
2-Nitroaniline	50,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
2-Nitrophenol	NE	12.1 U	11.1 U	12 U	12.7 U	13.4 U
3,3'-Dichlorobenzidine	5,500 ca	12.1 U	11.1 U	12 U	12.7 U	13.4 U
3- & 4-Methylphenol	4,400,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
3-Nitroaniline	NE	12.1 U	11.1 U	12 U	12.7 U	13.4 U
4,6-Dinitro-2-Methylphenol	NE	30.2 U	27.8 U	30.1 U	31.7 U	33.5 U
4-Bromophenylphenylether	NE	12.1 U	11.1 U	12 U	12.7 U	13.4 U
4-Chloro-3-Methylphenol	NE	12.1 U	11.1 U	12 U	12.7 U	13.4 U
4-Chloroaniline	3,500,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
4-Chlorophenylphenylether	NE	12.1 U	11.1 U	12 U	12.7 U	13.4 U
4-Nitroaniline	NE	12.1 U	11.1 U	12 U	12.7 U	13.4 U
4-Nitrophenol	7,000,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Acenaphthene	38,000,000 nc	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Acenaphthylene	NE	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Acetophenone	1,600 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Anthracene	100,000,000 max	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Atrazine	11,000 ca	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Benzaldehyde	88,000,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Benzo(a)anthracene	2,900 ca	2.42 U	2.22 U	2.41 U	2.54 U	2.68 U
Benzo(a)pyrene	290 ca	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Benzo(b)fluoranthene	2,900 ca	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Benzo(g,h,i)perylene	NE	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Benzo(k)fluoranthene	29,000 ca	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Benzoic Acid	100,000,000 max	30.2 U	27.8 U	30.1 U	31.7 U	33.5 U
Benzyl Alcohol	100,000,000 max	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Biphenyl	350,000 sat	12.1 U	11.1 U	12 U	12.7 U	13.4 U
bis(2-Chloroethoxy)methane	NE	12.1 U	11.1 U	12 U	12.7 U	13.4 U
bis(2-Chloroethyl)ether	620 ca	12.1 U	11.1 U	12 U	12.7 U	13.4 U
bis(2-Chloroisopropyl)ether	8,100	12.1 U	11.1 U	12 U	12.7 U	13.4 U
bis(2-Ethylhexyl)phthalate	180,000 ca	30.2 UJ	27.8 U	30.1 U	31.7 U	33.5 U
Butylbenzylphthalate	100,000,000 max	12.1 U	4.11 J	5.3 J	4.82 J	13.4 U
Caprolactam	100,000,000 max	121 UR	111 UR	120 UR	127 UR	134 UR
Chrysene	290,000 ca	2.42 U	2.22 U	2.41 U	2.54 U	2.68 U
Di-n-butylphthalate	88,000,000 nc	60.4 U	55.5 U	60.2 U	63.5 U	67.1 U
Di-n-octylphthalate	10,000,000 sat	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Dibenzo(a,h)anthracene	290 ca	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Dibenzofuran	5,100,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Diethylphthalate	100,000,000 max	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Dimethylphthalate	100,000,000 max	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Fluoranthene	30,000,000 nc	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Fluorene	33,000,000 nc	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Hexachlorobenzene	1,500 ca	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Hexachlorobutadiene	32,000 ca	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Hexachlorocyclopentadiene	5,900,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Hexachloroethane	180,000 ca	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Indeno(1,2,3-cd)pyrene	2,900 ca	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Isophorone	2,600,000 ca	12.1 U	11.1 U	12 U	12.7 U	13.4 U
N-Nitrosodiphenylamine	500,000 ca	12.1 U	11.1 U	12 U	12.7 U	13.4 U
N-nitroso-di-n-propylamine	350 ca	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Naphthalene	190,000 nc	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Nitrobenzene	110,000 nc	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Pentachlorophenol	11,000 ca	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Phenanthrene	NE	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U
Phenol	100,000,000 max	12.1 U	11.1 U	12 U	12.7 U	13.4 U
Pyrene	54,000,000 nc	1.21 U	1.11 U	1.2 U	1.27 U	1.34 U

Table B-2
Analytical Results of SVOCs in Soil, Concrete, and Sediment Samples

Analyte	EPA Region 9 Industrial Soil PRGs ^a	Dry Well Soil				
		SS-009-08 9/5/01	SS-009-11 9/5/01	SS-010-08 9/5/01	SS-310-08 9/5/01 Duplicate	SS-010-12 9/5/01
SVOCs (mg/kg)						
1,2,4-Trichlorobenzene	3,000,000	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
1,2-Dichlorobenzene	370,000	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
1,3-Dichlorobenzene	52,000	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
1,4-Dichlorobenzene	8,100	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
2,4,5-Trichlorophenol	88,000,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
2,4,6-Trichlorophenol	220,000 ca	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
2,4-Dichlorophenol	2,600,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
2,4-Dimethylphenol	18,000,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
2,4-Dinitrophenol	1,800,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
2,4-Dinitrotoluene	1,800,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
2,6-Dinitrotoluene	880,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
2-Chloronaphthalene	27,000,000 nc	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
2-Chlorophenol	240,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
2-Methylnaphthalene	NE	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
2-Methylphenol	44,000,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
2-Nitroaniline	50,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
2-Nitrophenol	NE	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
3,3'-Dichlorobenzidine	5,500 ca	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
3- & 4-Methylphenol	4,400,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
3-Nitroaniline	NE	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
4,6-Dinitro-2-Methylphenol	NE	34.4 U	34 U	31.1 U	31.4 U	30.6 U
4-Bromophenylphenylether	NE	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
4-Chloro-3-Methylphenol	NE	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
4-Chloroaniline	3,500,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
4-Chlorophenylphenylether	NE	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
4-Nitroaniline	NE	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
4-Nitrophenol	7,000,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Acenaphthene	38,000,000 nc	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
Acenaphthylene	NE	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
Acetophenone	1,600 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Anthracene	100,000,000 max	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
Atrazine	11,000 ca	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Benzaldehyde	88,000,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Benzo(a)anthracene	2,900 ca	2.75 U	2.72 U	2.49 U	2.51 U	2.45 U
Benzo(a)pyrene	290 ca	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
Benzo(b)fluoranthene	2,900 ca	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
Benzo(g,h,i)perylene	NE	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
Benzo(k)fluoranthene	29,000 ca	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
Benzoic Acid	100,000,000 max	34.4 U	34 U	31.1 U	31.4 U	30.6 U
Benzyl Alcohol	100,000,000 max	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Biphenyl	350,000 sat	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
bis(2-Chloroethoxy)methane	NE	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
bis(2-Chloroethyl)ether	620 ca	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
bis(2-Chloroisopropyl)ether	8,100	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
bis(2-Ethylhexyl)phthalate	180,000 ca	34.4 UJ	38 UJ	31.1 U	31.4 U	30.6 U
Butylbenzylphthalate	100,000,000 max	13.7 UJ	13.6 UJ	12.5 U	12.6 U	12.2 U
Caprolactam	100,000,000 max	37 UR	136 UR	125 UR	126 UR	122 UR
Chrysene	290,000 ca	2.75 U	2.72 U	2.49 U	2.51 U	2.45 U
Di-n-butylphthalate	88,000,000 nc	68.7 UJ	67.9 UJ	62.3 U	62.8 U	61.2 U
Di-n-octylphthalate	10,000,000 sat	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Dibenzo(a,h)anthracene	290 ca	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
Dibenzofuran	5,100,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Diethylphthalate	100,000,000 max	2.61 J	13.6 U	12.5 U	12.6 U	12.2 U
Dimethylphthalate	100,000,000 max	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Fluoranthene	30,000,000 nc	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
Fluorene	33,000,000 nc	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
Hexachlorobenzene	1,500 ca	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Hexachlorobutadiene	32,000 ca	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Hexachlorocyclopentadiene	5,900,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Hexachloroethane	180,000 ca	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Indeno(1,2,3-cd)pyrene	2,900 ca	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
Isophorone	2,600,000 ca	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
N-Nitrosodiphenylamine	500,000 ca	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
N-nitroso-di-n-propylamine	350 ca	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Naphthalene	190,000 nc	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U
Nitrobenzene	110,000 nc	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Pentachlorophenol	11,000 ca	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Phenanthrene	NE	1.37 U	1.36 U	1.25 U	1.26 U	1.35
Phenol	100,000,000 max	13.7 U	13.6 U	12.5 U	12.6 U	12.2 U
Pyrene	54,000,000 nc	1.37 U	1.36 U	1.25 U	1.26 U	1.22 U

Table B-2
Analytical Results of SVOCs in Soil, Concrete, and Sediment Samples

Analyte	EPA Region 9 Industrial Soil PRGs ^a	Dry Well Soil				
		SS-011-08 9/5/01	SS-011-11 9/5/01	SS-012-08 9/5/01	SS-012-11 9/5/01	SS-312-11 9/5/01 Duplicate
SVOCs (mg/kg)						
1,2,4-Trichlorobenzene	3,000,000	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
1,2-Dichlorobenzene	370,000	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
1,3-Dichlorobenzene	52,000	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
1,4-Dichlorobenzene	8,100	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
2,4,5-Trichlorophenol	88,000,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
2,4,6-Trichlorophenol	220,000 ca	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
2,4-Dichlorophenol	2,600,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
2,4-Dimethylphenol	18,000,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
2,4-Dinitrophenol	1,800,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
2,4-Dinitrotoluene	1,800,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
2,6-Dinitrotoluene	880,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
2-Chloronaphthalene	27,000,000 nc	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
2-Chlorophenol	240,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
2-Methylnaphthalene	NE	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
2-Methylphenol	44,000,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
2-Nitroaniline	50,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
2-Nitrophenol	NE	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
3,3'-Dichlorobenzidine	5,500 ca	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
3- & 4-Methylphenol	4,400,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
3-Nitroaniline	NE	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
4,6-Dinitro-2-Methylphenol	NE	32.8 U	32.9 U	30.8 U	32.9 U	30.6 U
4-Bromophenylphenylether	NE	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
4-Chloro-3-Methylphenol	NE	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
4-Chloroaniline	3,500,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
4-Chlorophenylphenylether	NE	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
4-Nitroaniline	NE	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
4-Nitrophenol	7,000,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Acenaphthene	38,000,000 nc	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Acenaphthylene	NE	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Acetophenone	1,600 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Anthracene	100,000,000 max	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Atrazine	11,000 ca	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Benzaldehyde	88,000,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Benzo(a)anthracene	2,900 ca	2.62 U	2.63 U	2.47 U	2.63 U	2.45 U
Benzo(a)pyrene	290 ca	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Benzo(b)fluoranthene	2,900 ca	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Benzo(g,h,i)perylene	NE	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Benzo(k)fluoranthene	29,000 ca	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Benzoic Acid	100,000,000 max	32.8 U	32.9 U	30.8 U	32.9 U	30.6 U
Benzyl Alcohol	100,000,000 max	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Biphenyl	350,000 sat	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
bis(2-Chloroethoxy)methane	NE	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
bis(2-Chloroethyl)ether	620 ca	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
bis(2-Chloroisopropyl)ether	8,100	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
bis(2-Ethylhexyl)phthalate	180,000 ca	32.8 U	32.9 U	30.8 U	32.9 U	30.6 U
Butylbenzylphthalate	100,000,000 max	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Caprolactam	100,000,000 max	131 UR	132 UR	123 UR	132 UR	123 UR
Chrysene	290,000 ca	2.62 U	2.63 U	2.47 U	2.63 U	2.45 U
Di-n-butylphthalate	88,000,000 nc	65.6 U	65.8 U	61.7 UJ	65.9 U	61.3 UJ
Di-n-octylphthalate	10,000,000 sat	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Dibenzo(a,h)anthracene	290 ca	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Dibenzofuran	5,100,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Diethylphthalate	100,000,000 max	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Dimethylphthalate	100,000,000 max	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Fluoranthene	30,000,000 nc	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Fluorene	33,000,000 nc	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Hexachlorobenzene	1,500 ca	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Hexachlorobutadiene	32,000 ca	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Hexachlorocyclopentadiene	5,900,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Hexachloroethane	180,000 ca	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Indeno(1,2,3-cd)pyrene	2,900 ca	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Isophorone	2,600,000 ca	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
N-Nitrosodiphenylamine	500,000 ca	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
N-nitroso-di-n-propylamine	350 ca	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Naphthalene	190,000 nc	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Nitrobenzene	110,000 nc	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Pentachlorophenol	11,000 ca	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Phenanthrene	NE	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U
Phenol	100,000,000 max	13.1 U	13.2 U	12.3 U	13.2 U	12.3 U
Pyrene	54,000,000 nc	1.31 U	1.32 U	1.23 U	1.32 U	1.23 U

Table B-2
Analytical Results of SVOCs in Soil, Concrete, and Sediment Samples

Analyte	EPA Region 9 Industrial Soil PRGs ^a	Dry Well Soil				Cleanout Pipe Soil
		SS-013-10 9/5/01	SS-013-12 9/5/01	SS-030-10 9/6/01	SS-031-10 9/6/01	SS-014-04 9/5/01
SVOCs (mg/kg)						
1,2,4-Trichlorobenzene	3,000,000	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
1,2-Dichlorobenzene	370,000	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
1,3-Dichlorobenzene	52,000	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
1,4-Dichlorobenzene	8,100	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
2,4,5-Trichlorophenol	88,000,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
2,4,6-Trichlorophenol	220,000 ca	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
2,4-Dichlorophenol	2,600,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
2,4-Dimethylphenol	18,000,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
2,4-Dinitrophenol	1,800,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
2,4-Dinitrotoluene	1,800,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
2,6-Dinitrotoluene	880,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
2-Chloronaphthalene	27,000,000 nc	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
2-Chlorophenol	240,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
2-Methylnaphthalene	NE	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
2-Methylphenol	44,000,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
2-Nitroaniline	50,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
2-Nitrophenol	NE	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
3,3'-Dichlorobenzidine	5,500 ca	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
3- & 4-Methylphenol	4,400,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
3-Nitroaniline	NE	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
4,6-Dinitro-2-Methylphenol	NE	30.3 U	35.3 U	34.6 U	33 U	29.2 U
4-Bromophenylphenylether	NE	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
4-Chloro-3-Methylphenol	NE	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
4-Chloroaniline	3,500,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
4-Chlorophenylphenylether	NE	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
4-Nitroaniline	NE	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
4-Nitrophenol	7,000,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Acenaphthene	38,000,000 nc	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
Acenaphthylene	NE	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
Acetophenone	1,600 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Anthracene	100,000,000 max	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
Atrazine	11,000 ca	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Benzaldehyde	88,000,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Benzo(a)anthracene	2,900 ca	2.42 U	2.82 U	2.77 U	2.64 U	2.34 U
Benzo(a)pyrene	290 ca	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
Benzo(b)fluoranthene	2,900 ca	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
Benzo(g,h,i)perylene	NE	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
Benzo(k)fluoranthene	29,000 ca	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
Benzoic Acid	100,000,000 max	30.3 U	35.3 U	34.6 U	33 U	29.2 U
Benzyl Alcohol	100,000,000 max	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Biphenyl	350,000 sat	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
bis(2-Chloroethoxy)methane	NE	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
bis(2-Chloroethyl)ether	620 ca	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
bis(2-Chloroisopropyl)ether	8,100	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
bis(2-Ethylhexyl)phthalate	180,000 ca	30.3 U	116 U	34.6 U	33 U	29.2 U
Butylbenzylphthalate	100,000,000 max	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Caprolactam	100,000,000 max	121 UR	141 UR	138 UR	132 UR	117 UR
Chrysene	290,000 ca	2.42 U	2.82 U	2.77 U	2.64 U	2.34 U
Di-n-butylphthalate	88,000,000 nc	60.5 U	70.6 U	69.1 U	66 U	58.4 U
Di-n-octylphthalate	10,000,000 sat	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Dibenzo(a,h)anthracene	290 ca	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
Dibenzofuran	5,100,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Diethylphthalate	100,000,000 max	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Dimethylphthalate	100,000,000 max	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Fluoranthene	30,000,000 nc	1.21 U	4.38	1.38 U	1.32 U	1.17 U
Fluorene	33,000,000 nc	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
Hexachlorobenzene	1,500 ca	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Hexachlorobutadiene	32,000 ca	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Hexachlorocyclopentadiene	5,900,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Hexachloroethane	180,000 ca	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Indeno(1,2,3-cd)pyrene	2,900 ca	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
Isophorone	2,600,000 ca	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
N-Nitrosodiphenylamine	500,000 ca	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
N-nitroso-di-n-propylamine	350 ca	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Naphthalene	190,000 nc	1.57 U	1.41 U	1.38 U	1.32 U	1.17 U
Nitrobenzene	110,000 nc	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Pentachlorophenol	11,000 ca	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Phenanthrene	NE	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U
Phenol	100,000,000 max	12.1 U	14.1 U	13.8 U	13.2 U	11.7 U
Pyrene	54,000,000 nc	1.21 U	1.41 U	1.38 U	1.32 U	1.17 U

Table B-2
Analytical Results of SVOCs in Soil, Concrete, and Sediment Samples

Analyte	EPA Region 9 Industrial Soil PRGs ^a	Cleanout Pipe Soil		Fuel Oil Tank Vault Soil		Landfill North Toe Soil
		SS-015-05 9/5/01	SS-016-05 9/5/01	SS-021-04 9/7/01	SS-321-04 9/7/01 Duplicate	SS-022-01 9/14/01
SVOCs (mg/kg)						
1,2,4-Trichlorobenzene	3,000,000	11.5 U	12.1 U	118 U	130 U	147 U
1,2-Dichlorobenzene	370,000	11.5 U	12.1 U	118 U	130 U	147 U
1,3-Dichlorobenzene	52,000	11.5 U	12.1 U	118 U	130 U	147 U
1,4-Dichlorobenzene	8,100	11.5 U	12.1 U	118 U	130 U	147 U
2,4,5-Trichlorophenol	88,000,000 nc	11.5 U	12.1 U	118 UR	130 UR	147 U
2,4,6-Trichlorophenol	220,000 ca	11.5 U	12.1 U	118 UR	130 UR	147 U
2,4-Dichlorophenol	2,600,000 nc	11.5 U	12.1 U	118 UR	130 UR	147 U
2,4-Dimethylphenol	18,000,000 nc	11.5 U	12.1 U	118 UR	130 UR	147 U
2,4-Dinitrophenol	1,800,000 nc	11.5 U	12.1 U	118 UR	130 UR	147 U
2,4-Dinitrotoluene	1,800,000 nc	11.5 U	12.1 U	118 U	130 U	147 U
2,6-Dinitrotoluene	880,000 nc	11.5 U	12.1 U	118 U	130 U	147 U
2-Chloronaphthalene	27,000,000 nc	1.15 U	1.21 U	118 U	130 U	14.7 U
2-Chlorophenol	240,000 nc	11.5 U	12.1 U	118 UR	130 UR	147 U
2-Methylnaphthalene	NE	1.15 U	1.21 U	144	146	14.7 U
2-Methylphenol	44,000,000 nc	11.5 U	12.1 U	118 UR	130 UR	147 U
2-Nitroaniline	50,000 nc	11.5 U	12.1 U	118 U	130 U	147 U
2-Nitrophenol	NE	11.5 U	12.1 U	118 UR	130 UR	147 U
3,3'-Dichlorobenzidine	5,500 ca	11.5 U	12.1 U	118 U	130 U	147 U
3- & 4-Methylphenol	4,400,000 nc	11.5 U	12.1 U	118 UR	130 UR	147 U
3-Nitroaniline	NE	11.5 U	12.1 U	118 U	130 U	147 U
4,6-Dinitro-2-Methylphenol	NE	28.7 U	30.2 U	294 UR	325 UR	368 U
4-Bromophenylphenylether	NE	11.5 U	12.1 U	118 U	130 U	147 U
4-Chloro-3-Methylphenol	NE	11.5 U	12.1 U	118 UR	130 UR	147 U
4-Chloroaniline	3,500,000 nc	11.5 U	12.1 U	118 U	130 U	147 U
4-Chlorophenylphenylether	NE	11.5 U	12.1 U	118 U	130 U	147 U
4-Nitroaniline	NE	11.5 U	12.1 U	118 U	130 U	147 U
4-Nitrophenol	7,000,000 nc	11.5 U	12.1 U	118 UR	130 UR	147 U
Acenaphthene	38,000,000 nc	1.15 U	1.21 U	266	292	16.2
Acenaphthylene	NE	1.15 U	1.21 U	28.2	36.4	45.7
Acetophenone	1,600 nc	11.5 U	12.1 U	118 U	130 U	147 U
Anthracene	100,000,000 max	1.15 U	1.21 U	712	888	35.4
Atrazine	11,000 ca	11.5 U	12.1 U	118 U	130 U	147 U
Benzaldehyde	88,000,000 nc	11.5 U	12.1 U	118 U	130 U	147 UR
Benzo(a)anthracene	2,900 ca	2.3 U	2.41 U	1,220	1,470	202
Benzo(a)pyrene	290 ca	1.15 U	1.33	1,260	1,960	482
Benzo(b)fluoranthene	2,900 ca	1.15 U	1.21	830	1,120	14.7 U
Benzo(g,h,i)perylene	NE	1.15 U	1.21 U	398	675	165
Benzo(k)fluoranthene	29,000 ca	1.15 U	1.21 U	358	668	14.7 U
Benzoic Acid	100,000,000 max	28.7 U	30.2 U	294 U	325 U	174 J
Benzyl Alcohol	100,000,000 max	11.5 U	12.1 U	118 UR	130 UR	147 U
Biphenyl	350,000 sat	11.5 U	12.1 U	118 U	130 U	147 U
bis(2-Chloroethoxy)methane	NE	11.5 U	12.1 U	118 U	130 U	147 U
bis(2-Chloroethyl)ether	620 ca	11.5 U	12.1 U	118 U	130 U	147 U
bis(2-Chloroisopropyl)ether	8,100	11.5 U	12.1 U	118 U	130 U	147 U
bis(2-Ethylhexyl)phthalate	180,000 ca	28.7 U	30.2 UJ	294 U	325 U	368 U
Butylbenzylphthalate	100,000,000 max	11.5 U	12.1 UJ	118 U	130 U	147 U
Caprolactam	100,000,000 max	115 UR	121 UR	1180 UR	1300 UR	1470 UR
Chrysene	290,000 ca	2.3 U	2.41 U	1460	1900	186
Di-n-butylphthalate	88,000,000 nc	57.5 U	60.3 UJ	588 U	650 U	737 U
Di-n-octylphthalate	10,000,000 sat	11.5 U	12.1 U	118 U	130 U	147 U
Dibenzo(a,h)anthracene	290 ca	1.15 U	1.21 U	11.8 U	13 U	14.7 U
Dibenzofuran	5,100,000 nc	11.5 U	12.1 U	43.5 J	48.1 J	147 U
Diethylphthalate	100,000,000 max	11.7 U	12.1 U	118 U	130 U	147 U
Dimethylphthalate	100,000,000 max	11.5 U	12.1 U	118 U	130 U	147 U
Fluoranthene	30,000,000 nc	1.15 U	1.45	1560	1840	278
Fluorene	33,000,000 nc	1.15 U	1.21 U	294	321	19.2
Hexachlorobenzene	1,500 ca	11.5 U	12.1 U	118 U	130 U	147 U
Hexachlorobutadiene	32,000 ca	11.5 U	12.1 U	118 U	130 U	147 U
Hexachlorocyclopentadiene	5,900,000 nc	11.5 U	12.1 U	118 U	130 U	147 U
Hexachloroethane	180,000 ca	11.5 U	12.1 U	118 U	130 U	147 U
Indeno(1,2,3-cd)pyrene	2,900 ca	1.15 U	1.21 U	253	261	14.7 U
Isophorone	2,600,000 ca	11.5 U	12.1 U	118 U	130 U	147 U
N-Nitrosodiphenylamine	500,000 ca	11.5 U	12.1 U	118 U	130 U	147 U
N-nitroso-di-n-propylamine	350 ca	11.5 U	12.1 U	118 U	130 U	147 U
Naphthalene	190,000 nc	1.15 U	1.21 U	49.4 U	45.5 U	236 U
Nitrobenzene	110,000 nc	11.5 U	12.1 U	118 U	130 U	147 U
Pentachlorophenol	11,000 ca	11.5 U	12.1 U	118 UR	130 UR	147 U
Phenanthrene	NE	1.15 U	1.21 U	2800	3410	81
Phenol	100,000,000 max	11.5 U	12.1 U	118 UR	130 UR	147 U
Pyrene	54,000,000 nc	1.15 U	1.81	3060	3690	351

Table B-2
Analytical Results of SVOCs in Soil, Concrete, and Sediment Samples

Analyte	EPA Region 9 Industrial Soil PRGs ^a	Landfill North Toe Soil				Landfill Trench TR-1 Soil
		SS-023-01 9/14/01	SS-323-01 9/14/01 Duplicate	SS-024-01 9/14/01	SS-025-01 9/14/01	SS-026-04 9/10/01
SVOCs (mg/kg)						
1,2,4-Trichlorobenzene	3,000,000	143 U	13.6 U	14 U	130 U	122 U
1,2-Dichlorobenzene	370,000	143 U	13.6 U	14 U	130 U	122 U
1,3-Dichlorobenzene	52,000	143 U	13.6 U	14 U	130 U	122 U
1,4-Dichlorobenzene	8,100	143 U	13.6 U	14 U	130 U	122 U
2,4,5-Trichlorophenol	88,000,000 nc	143 U	13.6 U	14 U	130 U	122 U
2,4,6-Trichlorophenol	220,000 ca	143 U	13.6 U	14 U	130 U	122 U
2,4-Dichlorophenol	2,600,000 nc	143 U	13.6 U	14 U	130 U	122 U
2,4-Dimethylphenol	18,000,000 nc	143 U	13.6 U	14 U	130 U	122 U
2,4-Dinitrophenol	1,800,000 nc	143 U	13.6 U	14 U	130 U	122 U
2,4-Dinitrotoluene	1,800,000 nc	143 U	13.6 U	14 U	130 U	122 U
2,6-Dinitrotoluene	880,000 nc	143 U	7.07 J	14 U	130 U	122 U
2-Chloronaphthalene	27,000,000 nc	14.3 U	1.36 U	1.4 U	13 U	12.2 U
2-Chlorophenol	240,000 nc	143 U	13.6 U	14 U	130 U	122 U
2-Methylnaphthalene	NE	24.3	3.13	4.9	13 U	12.2 U
2-Methylphenol	44,000,000 nc	143 U	13.6 U	14 U	130 U	122 U
2-Nitroaniline	50,000 nc	143 U	13.6 U	14 U	130 U	122 U
2-Nitrophenol	NE	143 U	13.6 U	14 U	130 U	122 U
3,3'-Dichlorobenzidine	5,500 ca	143 U	13.6 U	14 U	130 U	122 U
3- & 4-Methylphenol	4,400,000 nc	143 U	13.6 U	14 U	130 U	122 U
3-Nitroaniline	NE	143 U	13.6 U	14 U	130 U	122 U
4,6-Dinitro-2-Methylphenol	NE	358 U	34 U	35 U	326 U	306 U
4-Bromophenylphenylether	NE	143 U	13.6 U	14 U	130 U	122 U
4-Chloro-3-Methylphenol	NE	143 U	13.6 U	14 U	130 U	122 U
4-Chloroaniline	3,500,000 nc	143 U	13.6 U	14 U	130 U	122 U
4-Chlorophenylphenylether	NE	143 U	13.6 U	14 U	130 U	122 U
4-Nitroaniline	NE	143 U	13.6 U	14 U	130 U	122 U
4-Nitrophenol	7,000,000 nc	143 U	13.6 U	14 U	130 U	122 U
Acenaphthene	38,000,000 nc	289	36.3	53.2	13 U	12.2 U
Acenaphthylene	NE	28.6	12	12.7	58.7	12.2 U
Acetophenone	1,600 nc	143 U	13.6 U	14 U	130 U	122 U
Anthracene	100,000,000 max	484	76.4	104	41.8	12.2 U
Atrazine	11,000 ca	143 U	13.6 U	14 U	130 U	122 U
Benzaldehyde	88,000,000 nc	143 UR	13.6 UR	14 UR	130 U	122 U
Benzo(a)anthracene	2,900 ca	564	231	236	129	25.7
Benzo(a)pyrene	290 ca	906	283	316	214	40.3
Benzo(b)fluoranthene	2,900 ca	14.3 U	1.36 U	1.4 U	167	95.3
Benzo(g,h,i)perylene	NE	14.3 U	152	164	114	47.7
Benzo(k)fluoranthene	29,000 ca	14.3 U	1.36 U	1.4 U	97.9	12.2 U
Benzoic Acid	100,000,000 max	358 U	21.9 J	35 U	326 U	306 U
Benzyl Alcohol	100,000,000 max	143 U	13.6 U	14 U	130 U	122 U
Biphenyl	350,000 sat	143 U	13.6 U	2.52 J	130 U	122 U
bis(2-Chloroethoxy)methane	NE	143 U	13.6 U	14 U	130 U	122 U
bis(2-Chloroethyl)ether	620 ca	143 U	13.6 U	14 U	130 U	122 U
bis(2-Chloroisopropyl)ether	8,100	143 U	13.6 U	14 U	130 U	122 U
bis(2-Ethylhexyl)phthalate	180,000 ca	358 U	34 U	35 U	326 U	306 U
Butylbenzylphthalate	100,000,000 max	143 U	13.6 UR	14 U	130 U	122 U
Caprolactam	100,000,000 max	1430 UR	136 UR	140 UR	1300 UR	1220 UR
Chrysene	290,000 ca	500	264	278	144	34.2
Di-n-butylphthalate	88,000,000 nc	716 U	68 U	70 U	652 U	611 U
Di-n-octylphthalate	10,000,000 sat	143 U	13.6 U	14 U	130 U	122 U
Dibenzo(a,h)anthracene	290 ca	14.3 U	1.36 U	1.4 U	13 U	12.2 U
Dibenzofuran	5,100,000 nc	162	16.1	25.2	130 U	122 U
Diethylphthalate	100,000,000 max	143 U	13.6 U	14 U	130 U	122 U
Dimethylphthalate	100,000,000 max	143 U	13.6 U	14 U	130 U	122 U
Fluoranthene	30,000,000 nc	1750	428	447	217	30.6
Fluorene	33,000,000 nc	273	33.9	43.6	13 U	12.2 U
Hexachlorobenzene	1,500 ca	143 U	13.6 U	14 U	130 U	122 U
Hexachlorobutadiene	32,000 ca	143 U	13.6 U	14 U	130 U	122 U
Hexachlorocyclopentadiene	5,900,000 nc	143 U	13.6 U	14 U	130 U	122 U
Hexachloroethane	180,000 ca	143 U	13.6 U	14 U	130 U	122 U
Indeno(1,2,3-cd)pyrene	2,900 ca	14.3 U	1.36 U	1.4 U	79.6	23.2
Isophorone	2,600,000 ca	143 U	13.6 U	14 U	130 U	122 U
N-Nitrosodiphenylamine	500,000 ca	143 U	13.6 U	14 U	130 U	122 U
N-nitroso-di-n-propylamine	350 ca	143 U	13.6 U	14 U	130 U	122 U
Naphthalene	190,000 nc	236 U	19.9 U	17.9 U	83.5 U	12.2 U
Nitrobenzene	110,000 nc	143 U	13.6 U	14 U	130 U	122 U
Pentachlorophenol	11,000 ca	143 U	13.6 U	14 U	130 U	122 U
Phenanthrene	NE	1270	218	279	71.8	12.2 U
Phenol	100,000,000 max	143 U	13.6 U	14 U	130 U	122 U
Pyrene	54,000,000 nc	1340	387	409	239	34.2

Table B-2
Analytical Results of SVOCs in Soil, Concrete, and Sediment Samples

Analyte	EPA Region 9 Industrial Soil PRGs ^a	Landfill Trench TR-1 Soil		Landfill Trench TR-2 Soil		
		SS-026-05 9/10/01	SS-026-07 9/10/01	SS-027-04 9/11/01	SS-327-04 9/11/01 Duplicate	SS-027-13 9/11/01
SVOCs (mg/kg)						
1,2,4-Trichlorobenzene	3,000,000	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
1,2-Dichlorobenzene	370,000	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
1,3-Dichlorobenzene	52,000	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
1,4-Dichlorobenzene	8,100	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
2,4,5-Trichlorophenol	88,000,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
2,4,6-Trichlorophenol	220,000 ca	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
2,4-Dichlorophenol	2,600,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
2,4-Dimethylphenol	18,000,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
2,4-Dinitrophenol	1,800,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
2,4-Dinitrotoluene	1,800,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
2,6-Dinitrotoluene	880,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
2-Chloronaphthalene	27,000,000 nc	1.32 U	1.23 U	1.28 U	1.21 U	1.25 U
2-Chlorophenol	240,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
2-Methylnaphthalene	NE	2.91	1.23 U	20.9	3.88	1.25 U
2-Methylphenol	44,000,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
2-Nitroaniline	50,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
2-Nitrophenol	NE	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
3,3'-Dichlorobenzidine	5,500 ca	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
3- & 4-Methylphenol	4,400,000 nc	13.2 U	12.3 U	4.75 J	12.1 U	12.5 U
3-Nitroaniline	NE	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
4,6-Dinitro-2-Methylphenol	NE	13.2 U	30.7 U	32.1 U	30.3 U	31.1 U
4-Bromophenylphenylether	NE	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
4-Chloro-3-Methylphenol	NE	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
4-Chloroaniline	3,500,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
4-Chlorophenylphenylether	NE	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
4-Nitroaniline	NE	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
4-Nitrophenol	7,000,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Acenaphthene	38,000,000 nc	4.37	1.23 U	239	30.1	1.25 U
Acenaphthylene	NE	1.85	1.23 U	5.01	8.61	1.25 U
Acetophenone	1,600 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Anthracene	100,000,000 max	6.89	1.23 U	317	53	1.25 U
Atrazine	11,000 ca	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Benzaldehyde	88,000,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Benzo(a)anthracene	2,900 ca	41.7	2.45 U	560	171	2.49 U
Benzo(a)pyrene	290 ca	70.9	1.23 U	438	147	2.12
Benzo(b)fluoranthene	2,900 ca	108	1.23 U	517	150	1.25 U
Benzo(g,h,i)perylene	NE	67.2	1.23 U	238	76.8	1.25 U
Benzo(k)fluoranthene	29,000 ca	33.9	1.23 U	203	100	1.25 U
Benzoic Acid	100,000,000 max	33.1 U	30.7 U	32.1 U	8.12 J	31.1 U
Benzyl Alcohol	100,000,000 max	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Biphenyl	350,000 sat	13.2 U	12.3 U	10.7 J	12.1 U	12.5 U
bis(2-Chloroethoxy)methane	NE	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
bis(2-Chloroethyl)ether	620 ca	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
bis(2-Chloroisopropyl)ether	8,100	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
bis(2-Ethylhexyl)phthalate	180,000 ca	42 U	30.7 UJ	1410 D	31.1 U	31.1 U
Butylbenzylphthalate	100,000,000 max	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Caprolactam	100,000,000 max	132 UR	123 UR	128 UR	121 UR	125 UR
Chrysene	290,000 ca	51	2.45 U	408	146	2.49 U
Di-n-butylphthalate	88,000,000 nc	66.2 U	61.4 U	64.2 U	60.6 UJ	62.3 U
Di-n-octylphthalate	10,000,000 sat	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Dibenzo(a,h)anthracene	290 ca	12.2	1.23 U	56.9	30.5	1.25 U
Dibenzofuran	5,100,000 nc	13.2 U	12.3 U	122	18.1	12.5 U
Diethylphthalate	100,000,000 max	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Dimethylphthalate	100,000,000 max	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Fluoranthene	30,000,000 nc	62.9	1.23 U	1330 D	355	1.25 U
Fluorene	33,000,000 nc	3.18	1.23 U	205	40.2	1.25 U
Hexachlorobenzene	1,500 ca	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Hexachlorobutadiene	32,000 ca	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Hexachlorocyclopentadiene	5,900,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Hexachloroethane	180,000 ca	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Indeno(1,2,3-cd)pyrene	2,900 ca	47.8	1.23 U	228	75.4	1.25 U
Isophorone	2,600,000 ca	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
N-Nitrosodiphenylamine	500,000 ca	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
N-nitroso-di-n-propylamine	350 ca	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Naphthalene	190,000 nc	3.97 U	0.574 U	68.8	4.12 U	1.25 U
Nitrobenzene	110,000 nc	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Pentachlorophenol	11,000 ca	12.1 J	12.3 U	12.8 U	12.1 U	12.5 U
Phenanthrene	NE	32.6	1.23 U	1050 D	232	1.25 U
Phenol	100,000,000 max	13.2 U	12.3 U	12.8 U	12.1 U	12.5 U
Pyrene	54,000,000 nc	66.4	1.23 U	1000 D	274	1.25 U

Table B-2
Analytical Results of SVOCs in Soil, Concrete, and Sediment Samples

Analyte	EPA Region 9 Industrial Soil PRGs ^a	Landfill Trench TR-3 Soil		Landfill Trench TR-4 Soil		Landfill Trench TR-5 Soil
		SS-028-05 9/11/01	SS-028-11 9/11/01	SS-029-05 9/12/01	SS-029-10 9/12/01	SS-033-01 9/12/01
SVOCs (mg/kg)						
1,2,4-Trichlorobenzene	3,000,000	13.9 U	132 U	13.7 U	12 U	1,390 U
1,2-Dichlorobenzene	370,000	13.9 U	132 U	13.7 U	12 U	1,390 U
1,3-Dichlorobenzene	52,000	13.9 U	132 U	13.7 U	12 U	1,390 U
1,4-Dichlorobenzene	8,100	13.9 U	132 U	13.7 U	12 U	1,390 U
2,4,5-Trichlorophenol	88,000,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
2,4,6-Trichlorophenol	220,000 ca	13.9 U	132 U	13.7 U	12 U	1,390 U
2,4-Dichlorophenol	2,600,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
2,4-Dimethylphenol	18,000,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
2,4-Dinitrophenol	1,800,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
2,4-Dinitrotoluene	1,800,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
2,6-Dinitrotoluene	880,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
2-Chloronaphthalene	27,000,000 nc	1.39 U	13.2 U	1.37 U	1.2 U	139 U
2-Chlorophenol	240,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
2-Methylnaphthalene	NE	1.39 U	13.2 U	1.37 U	1.2 U	7,740
2-Methylphenol	44,000,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
2-Nitroaniline	50,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
2-Nitrophenol	NE	13.9 U	132 U	13.7 U	12 U	1,390 U
3,3'-Dichlorobenzidine	5,500 ca	13.9 U	132 U	13.7 U	12 U	1,390 U
3- & 4-Methylphenol	4,400,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
3-Nitroaniline	NE	13.9 U	132 U	13.7 U	12 U	1,390 U
4,6-Dinitro-2-Methylphenol	NE	34.8 U	329 U	34.1 U	30 U	3,480 U
4-Bromophenylphenylether	NE	13.9 U	132 U	13.7 U	12 U	1,390 U
4-Chloro-3-Methylphenol	NE	13.9 U	132 U	13.7 U	12 U	1,390 U
4-Chloroaniline	3,500,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
4-Chlorophenylphenylether	NE	13.9 U	132 U	13.7 U	12 U	1,390 U
4-Nitroaniline	NE	13.9 U	132 U	13.7 U	12 U	1,390 U
4-Nitrophenol	7,000,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
Acenaphthene	38,000,000 nc	1.39 U	13.2 U	2.46	1.2 U	139 U
Acenaphthylene	NE	2.78	13.2 U	1.37 U	1.2 U	139 U
Acetophenone	1,600 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
Anthracene	100,000,000 max	3.9	13.2 U	3.69	1.2 U	139 U
Atrazine	11,000 ca	13.9 U	132 U	13.7 U	12 U	1,390 U
Benzaldehyde	88,000,000 nc	13.9 U	132 U	13.7 UR	12 UR	1,390 UR
Benzo(a)anthracene	2,900 ca	14.5	26.3 U	16.4	2.4 U	278 U
Benzo(a)pyrene	290 ca	28.4	13.2 U	23.1	1.2 U	139 U
Benzo(b)fluoranthene	2,900 ca	33	13.2 U	32	1.2 U	139 U
Benzo(g,h,i)perylene	NE	36.9	13.2 U	23.4	1.2 U	139 U
Benzo(k)fluoranthene	29,000 ca	24.8	13.2 U	11.1	1.2 U	139 U
Benzoic Acid	100,000,000 max	34.8 U	329 U	24.7 J	30 U	3,480 U
Benzyl Alcohol	100,000,000 max	13.9 U	132 U	13.7 U	12 U	1,390 U
Biphenyl	350,000 sat	13.9 U	132 U	2.73 J	12 U	1,390 U
bis(2-Chloroethoxy)methane	NE	13.9 U	132 U	13.7 U	12 U	1,390 U
bis(2-Chloroethyl)ether	620 ca	13.9 U	132 U	13.7 U	12 U	1,390 U
bis(2-Chloroisopropyl)ether	8,100	13.9 U	132 U	13.7 U	12 U	1,390 U
bis(2-Ethylhexyl)phthalate	180,000 ca	43.6 U	329 U	34.1 U	30 U	3,480 U
Butylbenzylphthalate	100,000,000 max	13.9 U	132 U	13.7 U	12 U	1,390 U
Caprolactam	100,000,000 max	139 UR	1320 UR	137 UR	120 UR	13,900 UR
Chrysene	290,000 ca	17.7	26.3 U	17.5	2.4 U	278 U
Di-n-butylphthalate	88,000,000 nc	165 U	658 U	68.3 U	59.9 U	6,960 U
Di-n-octylphthalate	10,000,000 sat	13.9 U	132 U	13.7 U	12 U	1,390 U
Dibenzo(a,h)anthracene	290 ca	1.39 U	13.2 U	1.37 U	1.2 U	139 U
Dibenzofuran	5,100,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
Diethylphthalate	100,000,000 max	13.9 U	132 U	13.7 U	12 U	1,390 U
Dimethylphthalate	100,000,000 max	13.9 U	132 U	13.7 U	12 U	1,390 U
Fluoranthene	30,000,000 nc	38 U	22.4	47.5	4.07	139 U
Fluorene	33,000,000 nc	1.39 U	13.2 U	3.28	1.2 U	139 U
Hexachlorobenzene	1,500 ca	13.9 U	132 U	13.7 U	12 U	1,390 U
Hexachlorobutadiene	32,000 ca	13.9 U	132 U	13.7 U	12 U	1,390 U
Hexachlorocyclopentadiene	5,900,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
Hexachloroethane	180,000 ca	13.9 U	132 U	13.7 U	12 U	1,390 U
Indeno(1,2,3-cd)pyrene	2,900 ca	27.6	13.2 U	17.3	1.2 U	139 U
Isophorone	2,600,000 ca	13.9 U	132 U	13.7 U	12 U	1,390 U
N-Nitrosodiphenylamine	500,000 ca	13.9 U	132 U	13.7 U	12 U	1,390 U
N-nitroso-di-n-propylamine	350 ca	13.9 U	132 U	13.7 U	12 U	1,390 U
Naphthalene	190,000 nc	1.39 U	13.2 U	1.37 U	7.67 U	43,400
Nitrobenzene	110,000 nc	13.9 U	132 U	13.7 U	12 U	1,390 U
Pentachlorophenol	11,000 ca	13.9 U	1120	13.7 U	12 U	1,390 U
Phenanthrene	NE	8.63	19.8	14.3	3.6	139 U
Phenol	100,000,000 max	13.9 U	132 U	13.7 U	12 U	1,390 U
Pyrene	54,000,000 nc	25.2	30.3	28	5.39	139 U

**Table B-2
Analytical Results of SVOCs in Soil, Concrete, and Sediment Samples**

Analyte	EPA Region 9 Industrial Soil PRGs ^a	Landfill Trench TR-5 Soil
		SS-033-04 9/12/01
SVOCs (mg/kg)		
1,2,4-Trichlorobenzene	3,000,000	11.7 U
1,2-Dichlorobenzene	370,000	11.7 U
1,3-Dichlorobenzene	52,000	11.7 U
1,4-Dichlorobenzene	8,100	11.7 U
2,4,5-Trichlorophenol	88,000,000 nc	11.7 U
2,4,6-Trichlorophenol	220,000 ca	11.7 U
2,4-Dichlorophenol	2,600,000 nc	11.7 U
2,4-Dimethylphenol	18,000,000 nc	11.7 U
2,4-Dinitrophenol	1,800,000 nc	11.7 U
2,4-Dinitrotoluene	1,800,000 nc	11.7 U
2,6-Dinitrotoluene	880,000 nc	11.7 U
2-Chloronaphthalene	27,000,000 nc	1.17 U
2-Chlorophenol	240,000 nc	11.7 U
2-Methylnaphthalene	NE	2.81
2-Methylphenol	44,000,000 nc	11.7 U
2-Nitroaniline	50,000 nc	11.7 U
2-Nitrophenol	NE	11.7 U
3,3'-Dichlorobenzidine	5,500 ca	11.7 U
3- & 4-Methylphenol	4,400,000 nc	11.7 U
3-Nitroaniline	NE	11.7 U
4,6-Dinitro-2-Methylphenol	NE	29.3 U
4-Bromophenylphenylether	NE	11.7 U
4-Chloro-3-Methylphenol	NE	11.7 U
4-Chloroaniline	3,500,000 nc	11.7 U
4-Chlorophenylphenylether	NE	11.7 U
4-Nitroaniline	NE	11.7 U
4-Nitrophenol	7,000,000 nc	11.7 U
Acenaphthene	38,000,000 nc	1.17 U
Acenaphthylene	NE	1.17 U
Acetophenone	1,600 nc	11.7 UJ
Anthracene	100,000,000 max	3.87 U
Atrazine	11,000 ca	11.7 U
Benzaldehyde	88,000,000 nc	11.7 U
Benzo(a)anthracene	2,900 ca	26.5
Benzo(a)pyrene	290 ca	49.2
Benzo(b)fluoranthene	2,900 ca	65.9
Benzo(g,h,i)perylene	NE	47.2
Benzo(k)fluoranthene	29,000 ca	30.1
Benzoic Acid	100,000,000 max	91.4
Benzyl Alcohol	100,000,000 max	11.7 U
Biphenyl	350,000 sat	11.7 U
bis(2-Chloroethoxy)methane	NE	11.7 U
bis(2-Chloroethyl)ether	620 ca	11.7 U
bis(2-Chloroisopropyl)ether	8,100	11.7 U
bis(2-Ethylhexyl)phthalate	180,000 ca	29.3 UJ
Butylbenzylphthalate	100,000,000 max	11.7 U
Caprolactam	100,000,000 max	11.7 UR
Chrysene	290,000 ca	32.5
Di-n-butylphthalate	88,000,000 nc	58.6 UJ
Di-n-octylphthalate	10,000,000 sat	11.7 U
Dibenzo(a,h)anthracene	290 ca	1.17 U
Dibenzofuran	5,100,000 nc	11.7 U
Diethylphthalate	100,000,000 max	11.7 U
Dimethylphthalate	100,000,000 max	11.7 U
Fluoranthene	30,000,000 nc	42
Fluorene	33,000,000 nc	1.17 U
Hexachlorobenzene	1,500 ca	11.7 U
Hexachlorobutadiene	32,000 ca	11.7 U
Hexachlorocyclopentadiene	5,900,000 nc	11.7 U
Hexachloroethane	180,000 ca	11.7 U
Indeno(1,2,3-cd)pyrene	2,900 ca	28
Isophorone	2,600,000 ca	11.7 U
N-Nitrosodiphenylamine	500,000 ca	11.7 U
N-nitroso-di-n-propylamine	350 ca	11.7 U
Naphthalene	190,000 nc	3.99 U
Nitrobenzene	110,000 nc	11.7 U
Pentachlorophenol	11,000 ca	11.7 U
Phenanthrene	NE	13.8
Phenol	100,000,000 max	11.7 U
Pyrene	54,000,000 nc	44

Notes:

Detections are bolded and exceedances are outlined

-- - Not analyzed

a- EPA Region 9 PRGs (industrial soil), November 2000.

ca - carcinogen

D - value is derived from a dilution

EPA - U.S. Environmental Protection Agency

max - maximum soil contamination level

µg/Kg - microgram per kilogram

mg/Kg - milligram per kilogram

NA - not applicable

nc - noncarcinogen

NE - not established

J - value estimated

OAR - Oregon Administrative Rules

ODEQ - Oregon Department of Environmental Quality

PRG - preliminary remediation goal

R- result rejected

sat - saturated soil

U - not detected above respective reporting limit